

Plate 9. MARINE DIATOMS FROM THE BAY OF CAMPECHE

Source of Material

Material from the Bay of Campeche marine sediment (“Meerschlamm”), a strew mount by J.D. Möller, slide number HC 3226 held at the National Institute of Water and Atmospheric Research (NIWA), Greta Point, Wellington, New Zealand. Slide HC 1474 (“Campeche Bay”) prepared by M. Harrison, also held at NIWA.

Plate Nine:

- 1 *Lyrella approximata* (Greville) Mann in Round, Crawford and Mann 1990. See Hustedt (1927-1966, fig. 1490a), as *Navicula approximata*.
- 2-4 *Triceratium campechianum* Grunow in Cleve 1878, interior valve. See Schmidt's Atlas (1874-1959, pl. 78, figs. 18-20) as *T. decangulatum* on a selected slide HC 814, which is probably an invalid name. There is a considerable difference in valve morphology between the original figure of *Triceratium campechianum* Grunow in Cleve (1878, pl. 5, fig. 28) and those in Schmidt's Atlas (1874-1959). Schmidt's drawings agree exactly with the specimens pictured here.
- 5 *Stictodiscus parallelus* (Ehrenberg) Cleve-Euler 1941. See Schmidt's Atlas (1874-1959, pl. 447, fig. 1).
- 6 *Triceratium pentacrinus* (Ehrenberg) Wallich 1858. See Schmidt's Atlas (1874-1959, pl. 98, fig. 13).
- 7 *Nitzschia nicobarica* (Grunow) Grunow 1880. See Grunow (1880, pl. 12, fig. 2).
- 8 *Nitzschia gruendleri* Grunow in Cleve 1878. See Grunow in Cleve (1878, pl. 4, fig. 24).
- 9 *Stictodiscus parallelus* (Ehrenberg) Cleve-Euler 1941. See Schmidt's Atlas (1874-1959, pl. 75, fig. 12) given as *Triceratium parallelum* fo. *trigona*. (= *Triceratium parallelum*, slide HC 813).
- 10-11 *Auliscus clevei* Grunow in Schmidt et al. 1875. See Schmidt's Atlas (1874-1959, pl. 31, figs. 1-4).
- 12-13 *Cocconeis grata* Schmidt in Schmidt et al. 1894. See Hustedt (1933, fig. 795).

Magnifications: all figures x1000

Scale Bar: scale bar is 30 microns for the figures shown at x1000

